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OM protein - protein search, using sw model

Run on: July 16, 2003, 13:50:51 ; Search time 14 Seconds
(Without alignments)
46.236 Million cell updates/sec

Title: US-09-914-213-2

Perfect score: 116
Sequence: 1 GLEISEBINEDLKECFDDME 22

Scoring table:
BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	116	100.0	1480	1 US-08-466-886-17	Sequence 17, Appl
2	116	100.0	1480	2 US-08-469-461-2	Sequence 2, Appl
3	116	100.0	1480	3 US-08-469-461-4	Sequence 4, Appl
4	116	100.0	1480	3 US-07-890-609-2	Sequence 2, Appl
5	116	100.0	1480	3 US-07-890-609-2	Sequence 4, Appl
6	116	100.0	1480	4 US-08-469-617-17	Sequence 17, Appl
7	110	94.8	1476	4 US-09-256-703-2	Sequence 2, Appl
8	110	94.8	1479	2 US-08-951-912-4	Sequence 4, Appl
9	110	94.8	1479	4 US-09-174-077-4	Sequence 2, Appl
10	110	94.8	1480	1 US-07-637-621-2	Sequence 2, Appl
11	110	94.8	1480	1 US-08-136-742A-2	Sequence 2, Appl
12	110	94.8	1480	1 US-08-135-809A-2	Sequence 2, Appl
13	110	94.8	1480	2 US-08-951-912-2	Sequence 2, Appl
14	110	94.8	1480	2 US-08-951-912-6	Sequence 6, Appl
15	110	94.8	1480	2 US-08-691-605-2	Sequence 2, Appl
16	110	94.8	1480	2 US-08-455-552A-14	Sequence 14, Appl
17	110	94.8	1480	3 US-09-248-026-2	Sequence 2, Appl
18	110	94.8	1480	4 US-08-681-838A-2	Sequence 2, Appl
19	110	94.8	1480	4 US-08-681-838A-3	Sequence 3, Appl
20	110	94.8	1480	4 US-09-174-077-2	Sequence 2, Appl
21	110	94.8	1480	4 US-09-174-077-6	Sequence 6, Appl
22	110	94.8	1480	4 US-09-425-453A-2	Sequence 2, Appl
23	110	94.8	1480	4 US-09-425-453A-4	Sequence 4, Appl
24	110	94.8	1480	4 US-09-425-453A-6	Sequence 6, Appl
25	110	94.8	1480	4 US-09-425-453A-8	Sequence 8, Appl
26	110	94.8	1480	4 US-09-425-453A-10	Sequence 10, Appl
27	110	94.8	1480	4 US-09-425-453A-12	Sequence 12, Appl

28	110	94.8	1480	4 US-09-425-453A-14	Sequence 14, Appl
29	110	94.8	1480	4 US-08-425-453A-16	Sequence 16, Appl
30	110	94.8	1480	4 US-09-425-453A-18	Sequence 18, Appl
31	110	94.8	1480	4 US-09-425-453A-20	Sequence 20, Appl
32	110	94.8	1480	5 PCT-US93-11667-2	Sequence 2, Appl
33	110	94.8	1480	6 5240846-5	Patent No. 5240846
34	100	86.2	836	1 US-08-216-971-2	Sequence 2, Appl
35	100	86.2	836	1 US-08-812-979-2	Sequence 2, Appl
36	49	42.2	257	3 US-08-486-099-112	Sequence 112, App
37	49	42.2	257	3 US-08-486-099-113	Sequence 112, App
38	49	42.2	257	3 US-08-360-107A-122	Sequence 122, App
39	49	42.2	257	3 US-08-360-107A-123	Sequence 123, App
40	49	42.2	257	3 US-08-484-223B-112	Sequence 112, App
41	49	42.2	257	3 US-08-484-223B-113	Sequence 113, App
42	49	42.2	257	3 US-08-919-597-112	Sequence 112, App
43	49	42.2	257	3 US-08-919-597-113	Sequence 113, App
44	49	42.2	257	3 US-08-475-668A-112	Sequence 112, App
45	49	42.2	257	3 US-08-475-668A-113	Sequence 113, App

ALIGNMENTS

RESULT 1

US-08-466-886-17
Sequence 17, Application US/08466886
Patent No. 576677

GENERAL INFORMATION:

APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.
APPLICANT: Rommens, Johanna M.
APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drum, Mitchell L.
APPLICANT: Buckwald, Manuel

TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Avenue, N.W.

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/466, 886

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021

REFERENCE/DOCKET NUMBER: 1329.0010006

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2540

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 1480 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: Protein

US-08-466-886-17

Query Match 100.0% Score 116 DB 1 Length 1480:
Best Local Similarity 100.0% Pred. No. 8.2e-08:
Matches 22: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

OY 1 GLEISEINEEDLKECFDDME 22
Db 817 GLEISEINEEDLKECFDDME 838

RESULT 2
US-08-469-461-2
; Sequence 2, Application US/08469461B
; Patent No. 5981178
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-469-461-2

Query Match 100.0%; Score 116; DB 2; Length 1480;
Best Local Similarity 100.0%; Pred. No. 8.2e-08;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GLEISEINEEDLKECFDDME 22
Db 817 GLEISEINEEDLKECFDDME 838

RESULT 3
US-08-469-461-4
; Sequence 4, Application US/08469461B
; Patent No. 5981178
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-469-461-4

Query Match 100.0%; Score 116; DB 2; Length 1480;
Best Local Similarity 100.0%; Pred. No. 8.2e-08;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GLEISEINEEDLKECFDDME 22
Db 817 GLEISEINEEDLKECFDDME 838

RESULT 4
US-07-890-609-2
; Sequence 2, Application US/07890609C
; Patent No. 6001588
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva

TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT FILING DATE: 1992-07-13
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: Homo sapiens
US-07-890-609-2

Query Match 100.0%; Score 116; DB 3; Length 1480;
Best Local Similarity 100.0%; Pred. No. 8.2e-08;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GLEISEINEEDLKECFDDME 22
Db 817 GLEISEINEEDLKECFDDME 838

RESULT 5
US-07-890-609-4
; Sequence 4, Application US/07890609C
; Patent No. 6001588
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT FILING DATE: 1992-07-13
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: Homo sapiens
US-07-890-609-4

Query Match 100.0%; Score 116; DB 3; Length 1480;
Best Local Similarity 100.0%; Pred. No. 8.2e-08;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GLEISEINEEDLKECFDDME 22
Db 817 GLEISEINEEDLKECFDDME 838

RESULT 6
US-08-469-617-17
; Sequence 17, Application US/08469617
; Patent No. 6201107
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; APPLICANT: Buckwald, Manuel
; TITLE OF INVENTION: Cystic Fibrosis Gene
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA

ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,617
FILING DATE: 06-JUN-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329,0010008
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-469-617-17

Query Match 100.0%; Score 116; DB 4; Length 1480;
Best Local Similarity 100.0%; Pred. No. 8, 2e-08;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GLEISEINEDEKCEFDME 22
DB 817 GLEISEINEDEKCEFDME 838

RESULT 7
US-09-256-703-2
Sequence 2, Application US/09256703
Patent No. 6294379
GENERAL INFORMATION:
APPLICANT: Dong, Jian-Yun
APPLICANT: Kan, Yuet Wai
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Efficient AAV Vectors
FILE REFERENCE: 023070-084910US
CURRENT APPLICATION NUMBER: US/09/256,703
CURRENT FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: US 60/075,980
PRIOR FILING DATE: 1998-02-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 1476
TYPE: PRT
ORGANISM: Homo sapiens
OTHER INFORMATION: truncated cystic fibrosis transmembrane
US-09-256-703-2

Query Match 94.8%; Score 110; DB 4; Length 1476;
Best Local Similarity 95.5%; Pred. No. 5, 3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDEKCEFDME 22
DB 817 GLEISEINEDEKCEFDME 838

RESULT 8
US-08-951-912-4
Sequence 4, Application US/08951912
Patent No. 5972995
GENERAL INFORMATION:
APPLICANT: Fischer, Horst
APPLICANT: Illek, Beate

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC
FIBROSIS THERAPY
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
City: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/951,912
FILING DATE: 16-OCT-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Makl, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 200116,403
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1479 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-951-912-4

Query Match 94.8%; Score 110; DB 2; Length 1479;
Best Local Similarity 95.5%; Pred. No. 5, 3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDEKCEFDME 22
DB 816 GLEISEINEDEKCEFDME 837

RESULT 9
US-09-174-077-4
Sequence 4, Application US/09174077
Patent No. 6329422
GENERAL INFORMATION:
APPLICANT: Fischer, Horst
APPLICANT: Illek, Beate
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC FIBROSIS THERAPY
FILE REFERENCE: 200116,403C1
CURRENT APPLICATION NUMBER: US/09/174,077
CURRENT FILING DATE: 1998-10-16
EARLIER APPLICATION NUMBER: US 08/951,912
EARLIER FILING DATE: 1997-10-16
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 1479
TYPE: PRT
ORGANISM: Homo sapiens
US-09-174-077-4

Query Match 94.8%; Score 110; DB 4; Length 1479;
Best Local Similarity 95.5%; Pred. No. 5, 3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GLEISEINEDEKCEFDME 22
DB 816 GLEISEINEDEKCEFDME 837

RESULT 10
US-07-637-621-2
Sequence 2, Application US/07637621
Patent No. 5407796
GENERAL INFORMATION:
APPLICANT: cutting, gary
APPLICANT: antonarakis, stylianos e
APPLICANT: kazarian jr., haig h
TITLE OF INVENTION: CYSTIC FIBROSIS MUTATION CLUSTER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, Mckie and Beckett
STREET: 1001 G Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/637,621
FILING DATE: 19910104
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, sarah a
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 1107.030010
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9100
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
US-07-637-621-2

Query Match 94.8%; Score 110; DB 1; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEINEEDLKCEFPDME 22
DB 817 GLEISEINEEDLKCELPDME 838
|||||

RESULT 11
US-08-136-742A-2
Sequence 2, Application US/08136742A
Patent No. 5670488
GENERAL INFORMATION:
APPLICANT: Gregory, R.J., Armentano, D., Couture, L.A., Smith,
APPLICANT: A.E.
TITLE OF INVENTION: GENE THERAPY FOR CYSTIC FIBROSIS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
STREET: 30 ROCKEFELLER PLAZA
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/136,742A
FILING DATE: 02-DEC-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/985,478
FILING DATE: 02-DEC-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Seide, Rochelle K.
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A30668 (Genzyme Dkt. 104-9.11)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2500
TELEFAX: (212) 765-2519
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-136-742A-2

Query Match 94.8%; Score 110; DB 1; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEINEEDLKCEFPDME 22
DB 817 GLEISEINEEDLKCELPDME 838
|||||

RESULT 12
US-08-135-809A-2
Sequence 2, Application US/08135809A
Patent No. 5688677
GENERAL INFORMATION:
APPLICANT: CHENG, SENG H.
APPLICANT: DITULLIO, PAUL
APPLICANT: EBERT, KARL M.
APPLICANT: MEADE, HARRY M.
APPLICANT: SMITH, ALAN E.
TITLE OF INVENTION: DEOXYRIBONUCLEIC ACIDS CONTAINING
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION,
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/135,809A
FILING DATE: 13-OCT-1993
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: 104-9.12
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-135-809A-2

Query Match 94.8%; Score 110; DB 1; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEEINEDLKECFDDME 22

Db 817 GLEISEEINEDLKECFDDME 838

RESULT 13

US-08-951-912-2

; Sequence 2, Application US/08951912
; Patent No. 5972995

; GENERAL INFORMATION:

; APPLICANT: Fischer, Horst

; APPLICANT: Illek, Beate

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: SEED and BERRY LLP

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

; COUNTRY: USA

; ZIP: 98104

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: PC-DOS/MS-DOS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/951,912

; FILING DATE: 16-OCT-1997

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: MAKI, David J.

; REGISTRATION NUMBER: 31,392

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1480 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-951-912-2

Query Match 94.8%; Score 110; DB 2; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEEINEDLKECFDDME 22

Db 817 GLEISEEINEDLKECFDDME 838

RESULT 14

US-08-951-912-6

; Sequence 6, Application US/08951912

; Patent No. 5972995

; GENERAL INFORMATION:

; APPLICANT: Fischer, Horst

; APPLICANT: Illek, Beate

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CYSTIC

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/951,912

FILING DATE: 16-OCT-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: MAKI, David J.

REGISTRATION NUMBER: 31,392

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 1480 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

US-08-951-912-6

Query Match 94.8%; Score 110; DB 2; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEEINEDLKECFDDME 22

Db 817 GLEISEEINEDLKECFDDME 838

RESULT 15

US-08-691-605-2

; Sequence 2, Application US/08691605

; Patent No. 5981714

; GENERAL INFORMATION:

; APPLICANT: Cheng, Seng H., Marshall, John, Gregory, Richard J.

; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR CYSTIC FIBROSIS

; TITLE OF INVENTION: TRANSMEMBRANE CONDUCTANCE REGULATOR AND USES

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD

; STREET: 60 STATE STREET, SUITE 510

; CITY: BOSTON

; STATE: MASSACHUSETTS

; COUNTRY: USA

; ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCIT

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/691,605

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/114,950

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

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REGISTRATION NUMBER: 33,505

REFERENCE/DOCKET NUMBER: NZ1-029

TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-691-603-2

Query Match 94.8%; Score 110; DB 2; Length 1480;
Best Local Similarity 95.5%; Pred. No. 5.3e-07;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GLEISEINEDLKRCFPDME 22
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Db 817 GLEISEINEDLKRCFPDME 838

Search completed: July 16, 2003, 13:53:20
Job time : 15 secs